## Claims

1. A method for purifying sequencing reaction product by removing unincorporated dye terminators from a sequencing reaction, comprising:

providing sequencing reaction product;

providing at least one ultrafiltration membrane having at least one surface;

providing a solution comprising an amount of guanidine effective for removing unincorporated dye terminators from said sequencing reaction;

introducing said sequencing reaction product and said solution to said at least one surface of said ultrafiltration membrane;

applying a driving force to said ultrafiltration membrane to produce purified sequencing reaction product.

2. The method of claim 1, further comprising resuspending said purified sequencing reaction product in a low ionic solution.

3. The method of claim 2, further comprising transferring said resuspended product to a substrate for sequencing.

4. A method for purifying sequencing reaction product by removing unincorporated dye terminators from a sequencing reaction, comprising:

providing sequencing reaction product;

providing a plurality of wells, each well having an ultrafiltration membrane having at least one surface;

providing a solution comprising an amount of guanidine effective for removing unincorporated dye terminators from said sequencing reaction;

introducing said sequencing reaction product and said solution to each of said plurality of wells;

applying a driving force to each of said plurality of wells to produce purified sequencing reaction product.

5. The method of claim 4, further comprising resuspending said purified sequencing reaction product in a low ionic solution.

6. The method of claim 5, further comprising transferring said resuspended product to a substrate for sequencing.

7. A wash solution comprising guanidine or a salt thereof in a low ionic solution.

8. The wash solution of claim 7, wherein said low ionic solution comprises EDTA.

9. The wash solution of claim 7, wherein said salt is a chaotropic salt.

10. The wash solution of claim 7, wherein said salt is guanidine hydrochloride.

11. The wash solution of claim 7, wherein said salt is guanidine carbonate.

12. The wash solution of claim 7, further comprising dye terminators.

13. The wash solution of claim 7, wherein said amount of guanidine ranges from about 1 mM to about 60 mM.

14. The wash solution of claim 7, wherein said amount of guanidine is from about 1 mM to about 30 mM.

15. The wash solution of claim 7, wherein said amount of guanidine if from about 5 to about 10 mM.